

OCT 03 2006

Appl. No. 10/634,196  
Reply to Office Action of July 3, 2006

This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of Claims:**

1. (Currently amended) A composition comprising:

about 0.005 1 to about 20 5 wt-% fatty acid antimicrobial agent;

about 0.4 2 to about 10 12 wt-% alkoxyated amine comprising:

$C_{12}$  to  $C_{14}$  propoxy amine ethoxylate of the formula:  $R-(PO)_{10}N[EO]_{2.5}-H[EO]_{2.5}-H$ ;

$C_{12}$  to  $C_{14}$  propoxy amine ethoxylate of the formula:  $R-(PO)_5N[EO]_{2.5}-H[EO]_{2.5}-H$ ;

$C_{12}$  to  $C_{14}$  propoxy amine ethoxylate of the formula:  $R-(PO)_2N[EO]_{2.5}-H[EO]_{2.5}-H$ ;

poly (5) oxyethylene isodecyloxypropylamine, which has a branched  $C_{10}H_{21}$  alkyl group off the ether oxygen;

iso-(2-hydroxyethyl) isodecyloxypropylamine, which has a branched  $C_{10}H_{21}$  alkyl group off the ether oxygen;

or mixture thereof;

~~wherein the composition comprises~~ alkoxyated amine and fatty acid antimicrobial agent ~~being at a weight ratio in the range of about 1:1 2:1 to about 9:1 6:1; and~~ acidulant;

~~wherein the composition is providing a clear concentrate composition and~~ has effective antimicrobial activity.

2. (Original) The composition of claim 1, wherein the carboxylic acid antimicrobial agent comprises a  $C_6$ - $C_{14}$  alkyl carboxylic acid, or salt or ester thereof.

3. (Original) The composition of claim 2, wherein the  $C_6$ - $C_{14}$  alkyl carboxylic acid comprises octanoic acid, heptanoic acid, decanoic acid, dodecanoic acid, myristic acid, or mixture thereof.

Appl. No. 10/634,196  
Reply to Office Action of July 3, 2006

4. (Original) The composition of claim 2, wherein the C<sub>8</sub>-C<sub>14</sub> alkyl carboxylic acid comprises octanoic acid.

5-12. (Canceled)

13. (Previously presented) The composition of claim 1, wherein the acidulant comprises phosphoric acid, citric acid, lactic acid, sulfuric acid, nitric acid, hydroxyacetic acid, gluconic acid, oxalic acid, formic acid, glutaric acid, malic acid, hydroxy propionic acid, succinic acid, adipic acid, fumaric acid, or a mixture thereof.

14. (Previously Presented) The composition of claim 13, wherein the acidulant comprises phosphoric acid, citric acid, lactic acid, or a mixture thereof.

15. (Original) The composition of claim 1, further comprising surfactant.

16. (Original) The composition of claim 15, wherein the surfactant comprises anionic surfactant, amphoteric surfactant, nonionic surfactant, or mixture thereof.

17. (Original) The composition of claim 16, comprising anionic surfactant, the anionic surfactant comprising alkyl sulfonate, alkylaryl sulfonate, alcohol alkoxylate carboxylate, sarcosinate, taurate, acyl amino acid, alkanoic ester, phosphate ester, sulfuric acid ester, salt or ester thereof, or mixture thereof.

18. (Original) The composition of claim 16, comprising amphoteric surfactant, the amphoteric surfactant comprising acyl amino acid, N-alkyl amino acid, salt or ester thereof, or mixture thereof.

Appl. No. 10/634,196  
Reply to Office Action of July 3, 2006

19. (Original) The composition of claim 16, comprising nonionic surfactant, the nonionic surfactant comprising alcohol alkoxylate, arylacyl alkoxylate, amine oxide, alkoxide condensate; EOPO block, reverse, or heteric polymer polysaccharide ether; or mixture thereof.

20. (Original) The composition of claim 19, wherein the alcohol alkoxylate comprises C<sub>9</sub>-C<sub>12</sub> linear ethoxylate with 7 moles EO average, C<sub>9</sub>-C<sub>12</sub> linear ethoxylate with 3 moles EO average, or mixture thereof.

21. (Original) The composition of claim 15, wherein the surfactant comprises cocoamidopropyl betaine.

22. (Original) The composition of claim 1, further comprising solvent.

23. (Original) The composition of claim 22, wherein the solvent comprises isopropyl alcohol.

24. (Original) The composition of claim 1, further comprising diluent.

25. (Original) The composition of claim 24, wherein the diluent comprises water.

26. (Original) The composition of claim 1, further comprising sequestrant.

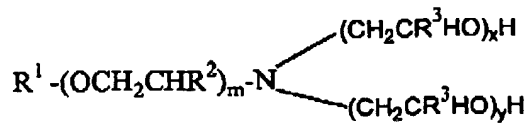
27. (Original) The composition of claim 26, wherein the sequestrant comprises aminomethylene triphosphonic acid or 1-hydroxy ethylidene-1,1-diphosphonic acid.

28. (Currently amended) A method of reducing microbial population on an object, comprising contacting the object with a composition comprising:

about ~~0.005~~ 1 to about ~~20~~ 5 wt-% fatty acid antimicrobial agent; and

about ~~0.1~~ 2 to about ~~10~~ 12 wt-% alkoxylated amine of Formula III:

Appl. No. 10/634,196  
Reply to Office Action of July 3, 2006

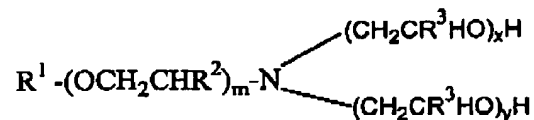


wherein  $R^1$  is a straight or branched alkyl or alkylaryl;  $R^2$  is independently in each occurrence hydrogen or alkyl from 1 to 6 carbons;  $R^3$  is independently in each occurrence hydrogen or alkyl of from 1 to 6 carbons; m is about 1 to about 20; x and y is each independently 1 to about 20; and x+y averages from about 1 to about 40; and  
acidulant;

~~wherein the composition comprises~~ alkoxyated amine and fatty acid antimicrobial agent being at a ratio ~~in the range of about 1:1 2:1 to about 9:1 6:1;~~

wherein the composition is providing a clear concentrate composition and has effective antimicrobial activity.

29. (Currently amended) A composition comprising:  
about ~~0.005~~ 1 to about 20 5 wt-% fatty acid antimicrobial agent;  
about ~~0.1~~ 2 to about 40 12 wt-% alkoxyated amine of Formula III:



wherein  $R^1$  is a straight or branched alkyl or alkylaryl;  $R^2$  is independently in each occurrence hydrogen or alkyl from 1 to 6 carbons;  $R^3$  is independently in each occurrence hydrogen or alkyl of from 1 to 6 carbons; m is about 1 to about 20; x and y is each independently 1 to about 20; and x+y averages from about 1 to about 40;

~~wherein the composition comprises~~ alkoxyated amine and fatty acid antimicrobial agent being at a weight ratio ~~in the range of about 1:1 2:1 to about 9:1 6:1;~~

wherein the composition is providing a clear concentrate composition and has effective antimicrobial activity.

Appl. No. 10/634,196  
Reply to Office Action of July 3, 2006

30. (Previously Presented) The composition of claim 29, wherein the ratio of alkoxyated amine and carboxylic acid antimicrobial agent is in the range of about 2:1 to about 6:1.

31. (Previously Presented) The composition of claim 29, wherein the ratio of alkoxyated amine and carboxylic acid antimicrobial agent is in the range of about 2.5:1 to about 3.5:1.

32. (Previously Presented) The composition of claim 29, wherein the ratio of alkoxyated amine and carboxylic acid antimicrobial agent is about 3:1.

33. (Previously Presented) The composition of claim 29, wherein the carboxylic acid comprises octanoic acid.

34. (Canceled)

35. (New) A composition consisting of:  
about 0.005 to about 20 wt-% fatty acid antimicrobial agent;  
about 0.1 to about 10 wt-% alkoxyated amine being:

$C_{12}$  to  $C_{14}$  propoxy amine ethoxylate of the formula:  $R-(PO)_{10}N[EO]_{2.5}-H[EO]_{2.5}-H$ ;

$C_{12}$  to  $C_{14}$  propoxy amine ethoxylate of the formula:  $R-(PO)_5N[EO]_{2.5}-H[EO]_{2.5}-H$ ;

$C_{12}$  to  $C_{14}$  propoxy amine ethoxylate of the formula:  $R-(PO)_2N[EO]_{2.5}-H[EO]_{2.5}-H$ ;

poly (5) oxyethylene isodecyloxypropylamine, which has a branched  $C_{10}H_{21}$  alkyl group off the ether oxygen;

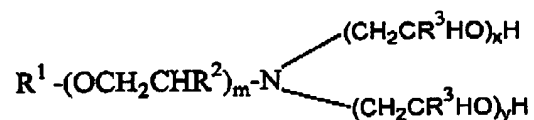
iso-(2-hydroxyethyl) isodecyloxypropylamine, which has a branched  $C_{10}H_{21}$  alkyl group off the ether oxygen;

or mixture thereof;

Appl. No. 10/634,196  
 Reply to Office Action of July 3, 2006

the alkoxyated amine and fatty acid antimicrobial agent being at a weight ratio of about 1:1 to about 9:1;  
 carrier; and  
 optionally anionic surfactant, amphoteric surfactant, nonionic surfactant, solvent, sequestrant, acidulant, adjuvant, or mixture thereof;  
 wherein the composition is clear and has effective antimicrobial activity.

36. (New) A composition consisting of:  
 about 0.005 to about 20 wt-% fatty acid antimicrobial agent;  
 about 0.1 to about 10 wt-% alkoxyated amine of Formula III:



wherein  $\text{R}^1$  is a straight or branched alkyl or alkylaryl;  $\text{R}^2$  is independently in each occurrence hydrogen or alkyl from 1 to 6 carbons;  $\text{R}^3$  is independently in each occurrence hydrogen or alkyl of from 1 to 6 carbons;  $m$  is about 1 to about 20;  $x$  and  $y$  is each independently 1 to about 20; and  $x+y$  averages from about 1 to about 40;

the alkoxyated amine and fatty acid antimicrobial agent being at a weight ratio of about 1:1 to about 9:1;  
 carrier; and  
 optionally anionic surfactant, amphoteric surfactant, nonionic surfactant, solvent, sequestrant, acidulant, adjuvant, or mixture thereof;  
 wherein the composition is clear and has effective antimicrobial activity.